Docket No.:19226/2191 (R-5770)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

licant(s): Szyperski et al. Examiner: To Be Assigned Serial No. 10/617,482 Art Unit: Cnfrm. No.: 2835 2877 Filed July 11, 2003 For A METHOD OF USING G-MATRIX FOURIER) TRANSFORMATION NUCLEAR MAGNETIC RESONANCE (GFT NMR) SPECTROSCOPY FOR RAPID CHEMICAL SHIFT ASSIGNMENT AND SECONDARY STRUCTURE DETERMINATION OF PROTEINS.

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.97-1.98

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Respectfully submitted,

Registration No. 45,758

Date: December 16, 2003

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**Complete if Known

**PFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Filing Date
First Named Inventor*

Complete if Known

10/617,482

Filing Date**
July 11, 2003

Szyperski

(use as many sheets as necessary)

| Examiner Name | Unknown | Sheet | 1 | of | 2 | Attorney Docket Number | 19226/2191 (R-5770)

Art Unit

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Cohumns, Lines, Where Relevant Passages or Relevant Figures Appear		
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	L	OTHER PRIOR A	RT – NON PATENT L	ITERATURE DOCUMENTS	- <u>-</u>	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LEITERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	1	Szyperski et al., "Reduced Dimensionality in Triple-Resonance NMR Experiments," J. Am. Chem. Soc., 115:9307-9308 (1993)				
	2	Brutscher et al., "Determination of an Initial Set of NOE-Derived Distance Constraints for the Structure Determination of 15N/13 C-Labeled Proteins," J. Magn. Reson. Ser. B 109:238-242 (1995)				
	3	Szyperski et al., "Useful Information Chem. Soc., 118:8146-8147 (1996		fagnetization in Projected NM	R Experiments," J. Am.	

Examiner	Date	
Signature	Considered	

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PTO/SB/08B (10-01)

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Complete if Known tute for form 1449B/PTO 10/617,482 Application Number FORMATION DISCLOSURE July 11, 2003 Filing Date STATEMENT BY APPLICANT Szyperski First Named Inventor (use as many sheets as necessary) 2877 Group Art Unit Unknown Examiner Name Sheet Attorney Docket Number 19226/2191 (R-5770)

Examiner	Cite	Include some of the number (in CARITAL LETTERS) with of the origin ().	T ²	
Examiner Initials	No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	4	Lohr, et al., "A New Triple-Resonance Experiment for the Sequential Assignment of Backbone Resonances in		
		Proteins," J. Biomol. NMR, 6:189-197 (1995)		
	5	Szyperski et al., "Reduced-Dimensionality NMR Spectroscopy for High-Throughput Protein Resonance	<u> </u>	
		Assignment," Proc. Natl. Acad. Sci. USA, 99:8009-8014 (2002)	1	
	6	Ding et al., "Novel 2D Triple-Resonance NMR Experiments for Sequential Resonance Assignments of		
		Proteins," J. Magn. Reson., 156:262-268 (2002)	1	
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	8	Kim et al., "GFT NMR, a New Approach to Rapidly Obtain Precise High-Dimensional NMR Spectral	1	
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